

Primate Guided Notes

Define taxonomy.

Define binomial nomenclature. It was developed by _____.

Biological classification today reflects _____ between organisms.

_____ is the diversification of a species into different lines.

Define: Homologies:

Homoplasies:

Parallelism:

Convergence:

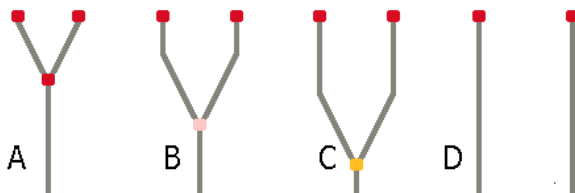
Analogies:

The Linnaean classification system classifies organisms based on _____, resulting in a _____.

The _____ approach to classification makes distinctions between _____ and _____ traits.

In the graphic below, which best exemplifies each of the following concepts:

Parallelism
Analogy
Convergence
Homologies



Fill in the classification for humans

(from the Classification lecture)

Kingdom:

Phylum

Subphyla:

Class:

Subclass:

Infraclass:

(from the Living Primate lecture)

Order:

Suborder:

Infraorder:

Superfamily:

Family:

Subfamily:

List the defining characteristics of Mammals.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

The primate order includes:

- 1.
- 2.
- 3.

The general characteristics of primates include:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.

List the general characteristics of the following prosimians (include geographic distribution):

Lemurs	Dwarf & Mouse Lemurs	Indris, Avahis, Sifikas	Pottos, Angwantibos, Galagos	Aye Aye	Tarsiers

Fill in the following classification table for prosimians.

Suborder								
Infraorder								
Superfamily								
Family								
Species								

List the differences between Catarrhini and Platyrrhini.

List the general characteristics of the following subfamilies of monkeys (include geographic distribution):

Cercopithecinae	Colobinae

Fill in the following classification table for anthropoids.

Suborder						
Infraorder						
Family						
Species						

General characteristics of apes:

- 1.
- 2.
- 3.
- 4.

General characteristics of gibbons:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

General characteristics of orangutans:

- 1.
- 2.
- 3.
- 4.

General characteristics of gorillas:

- 1.
- 2.
- 3.
- 4.
- 5.

General characteristics of chimps:

- 1.
- 2.
- 3.
- 4.
- 5.

General characteristics of bonobos:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

General characteristics of humans:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.